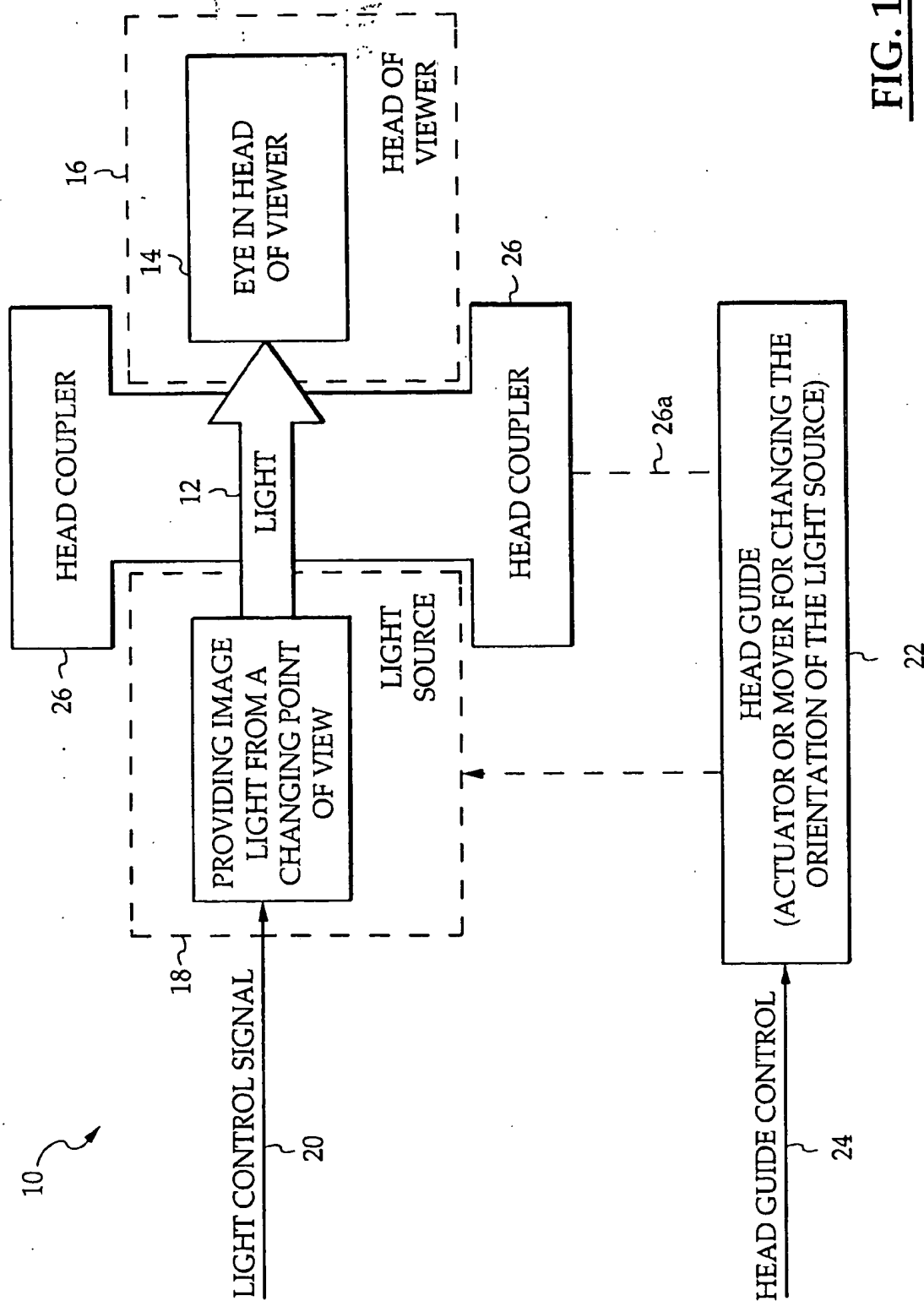


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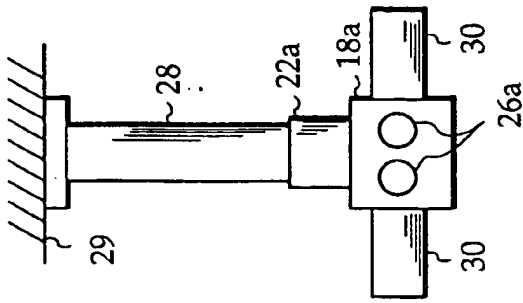


FIG. 2A

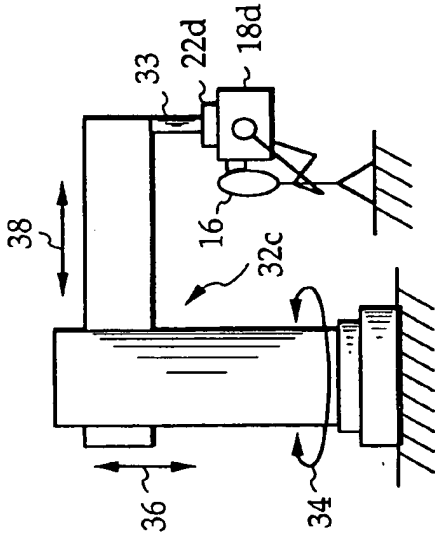


FIG. 4

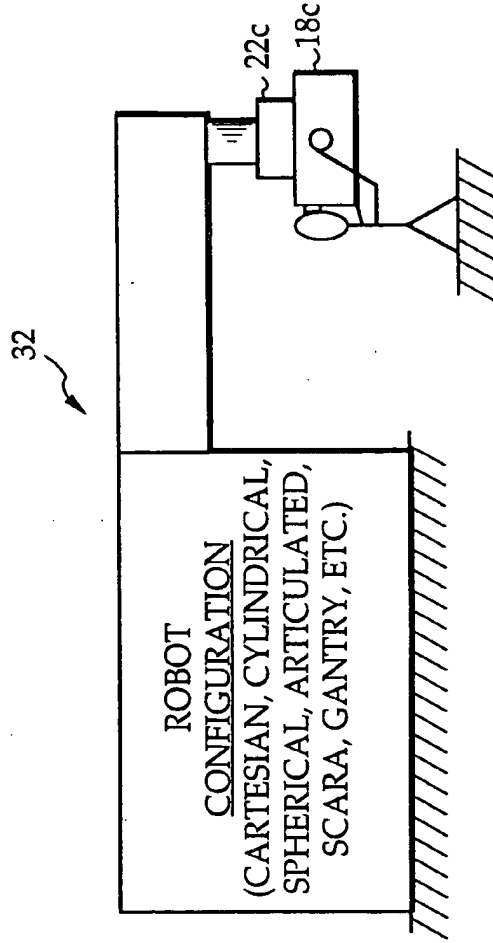
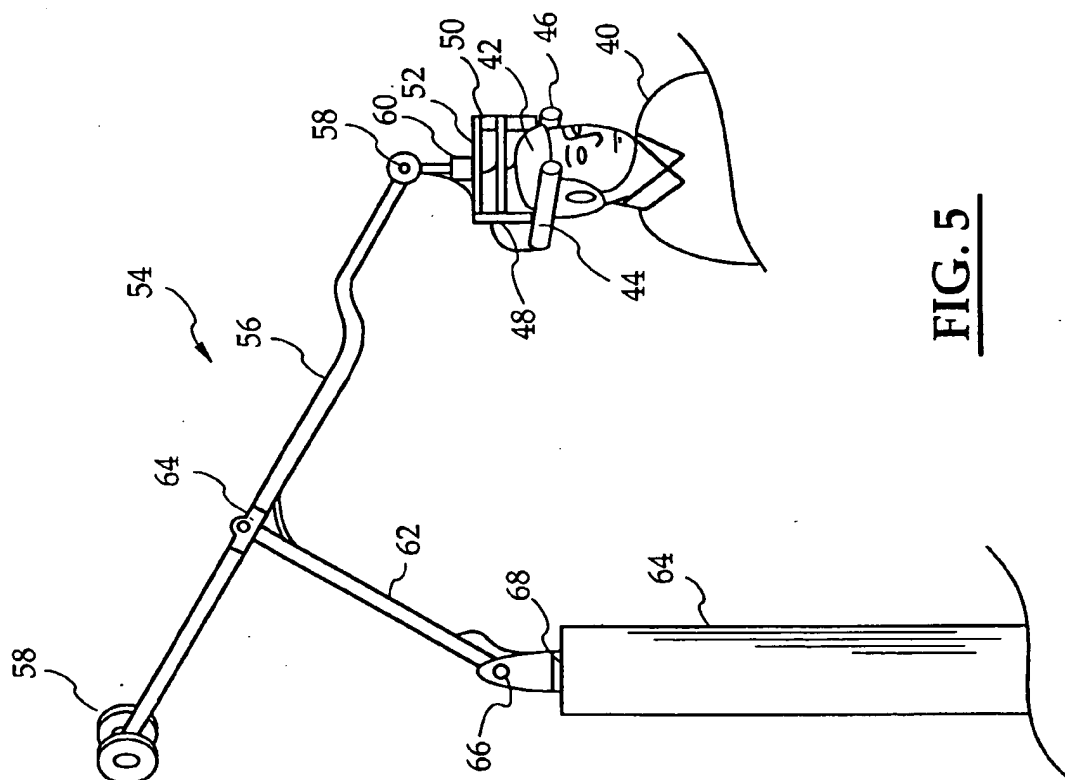
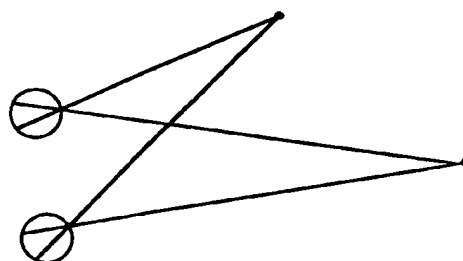
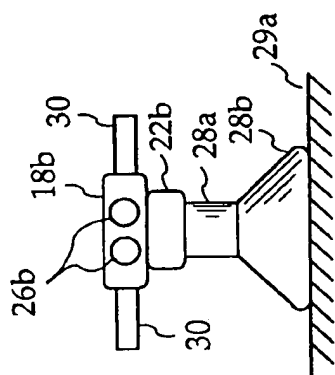


FIG. 3

ROBOT
 CONFIGURATION
 (CARTESIAN, CYLINDRICAL,
 SPHERICAL, ARTICULATED,
 SCARA, GANTRY, ETC.)



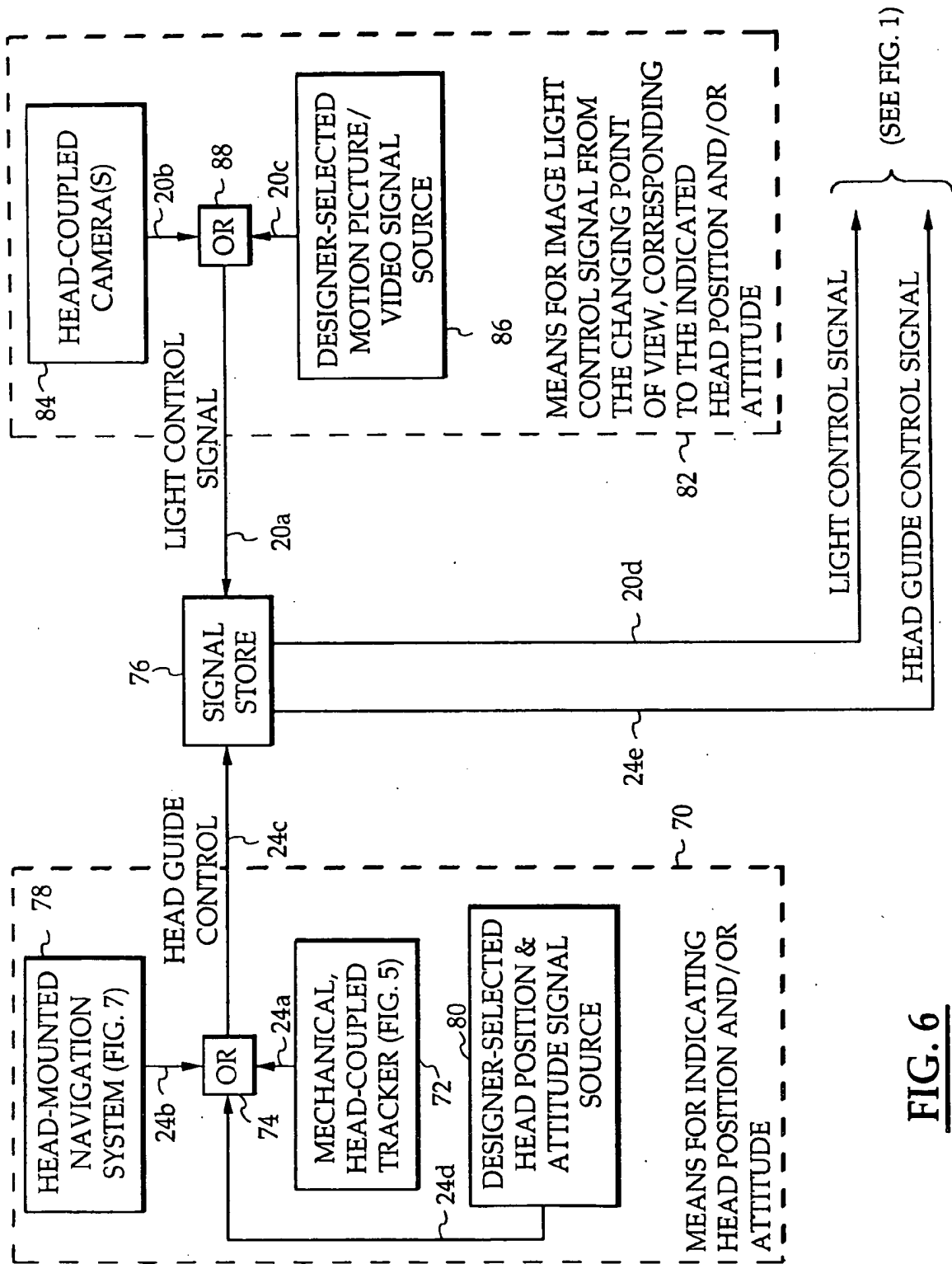


FIG. 6

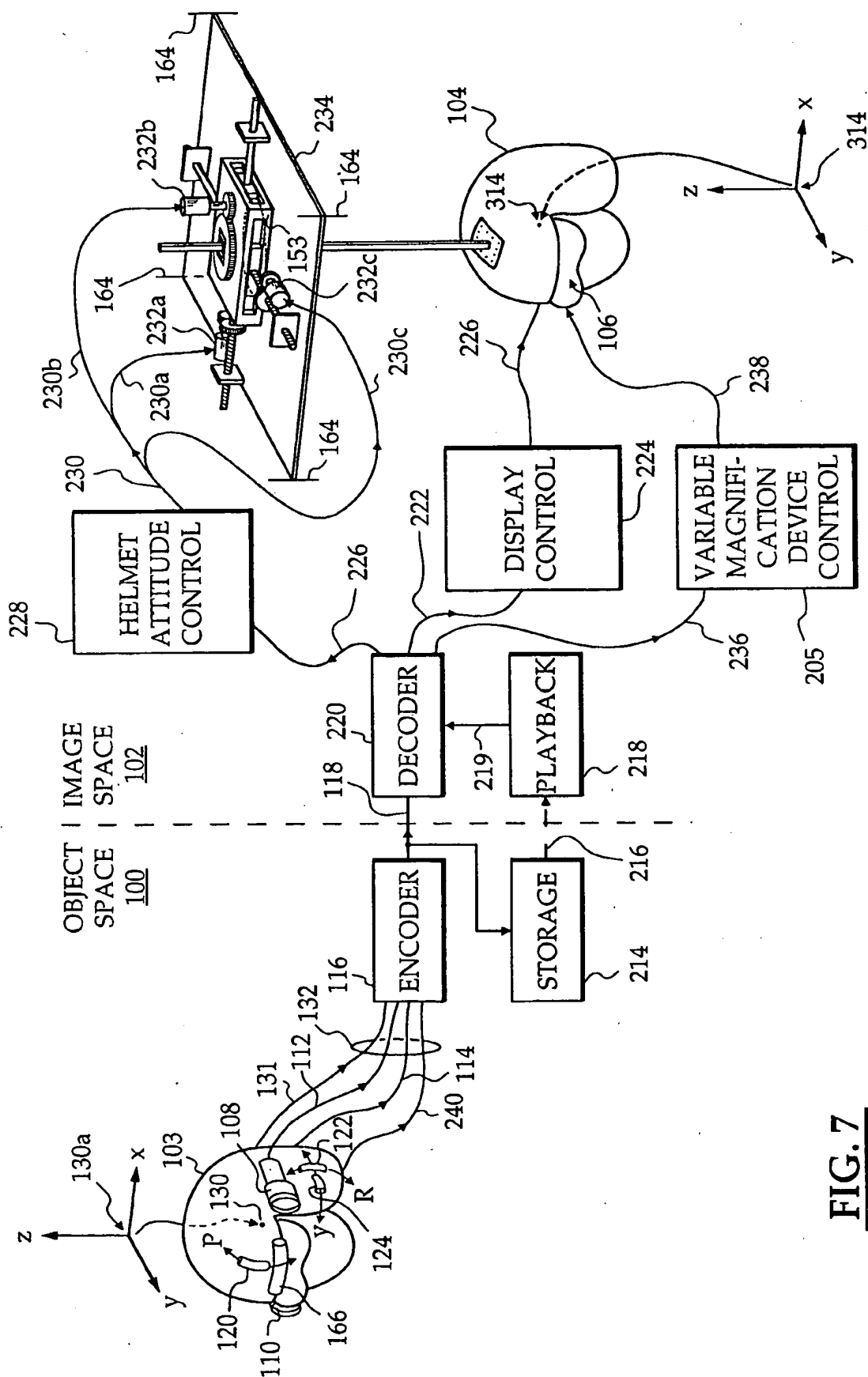


FIG. 7

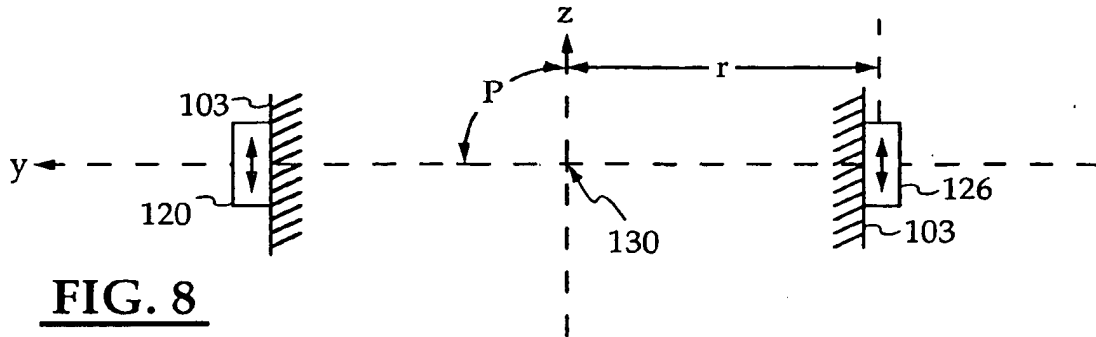
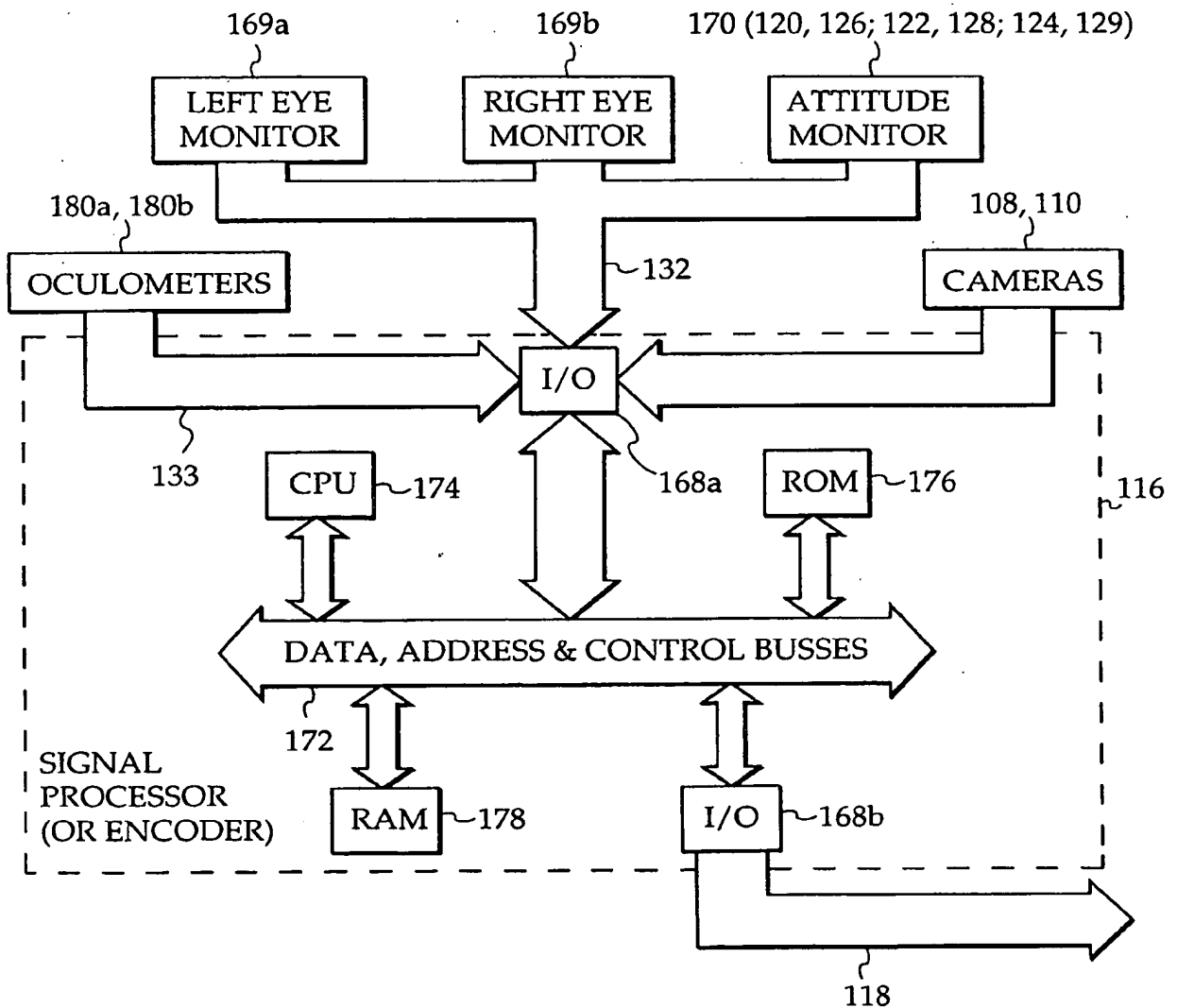


FIG. 8

FIG. 12



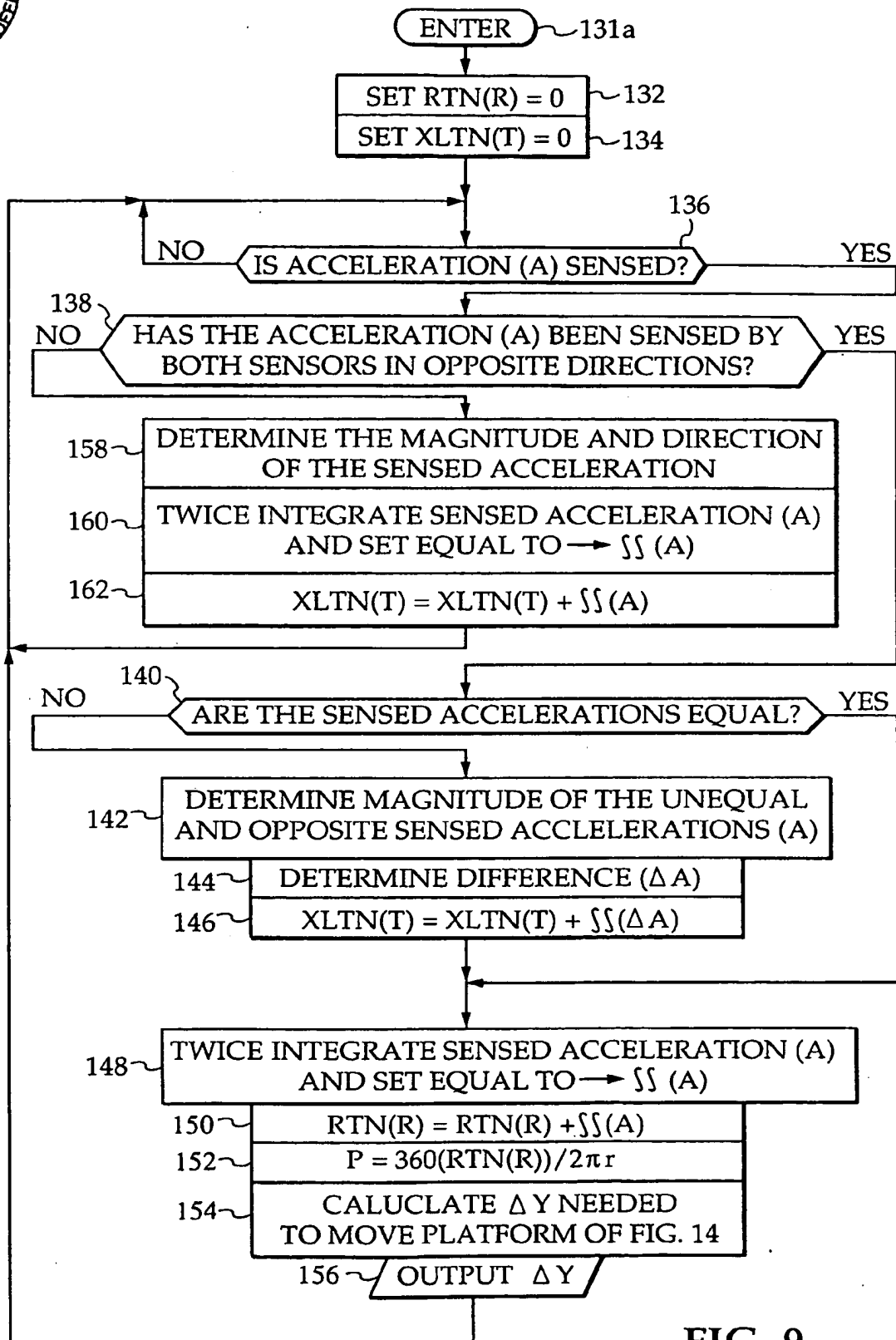
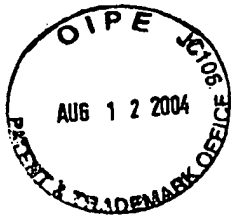


FIG. 9

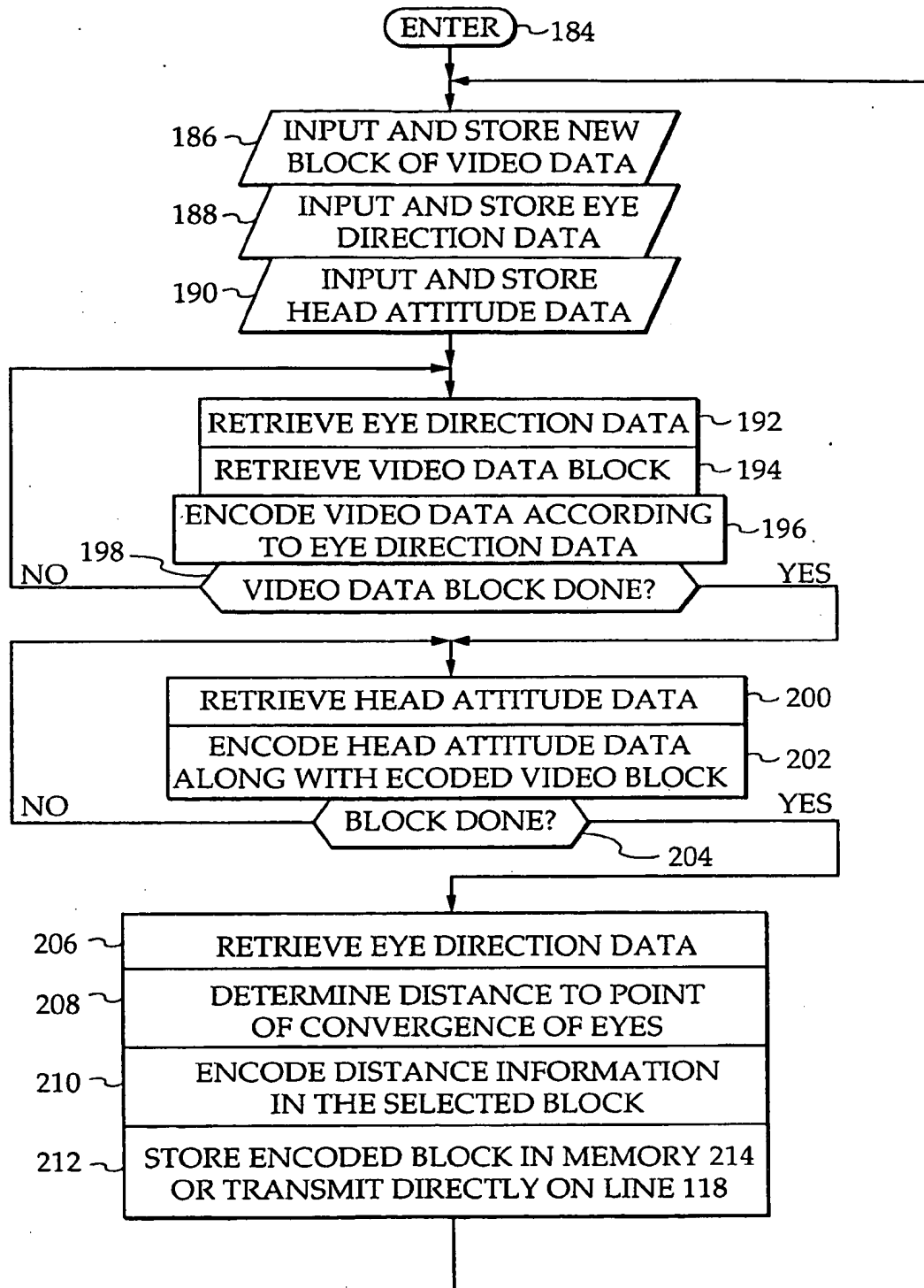


FIG. 10

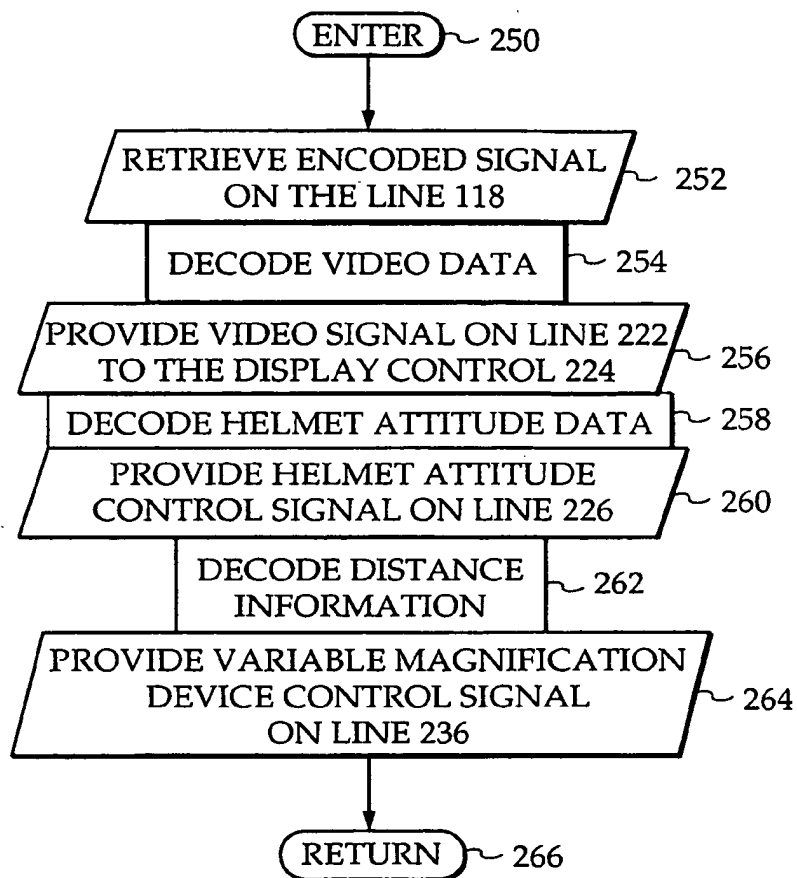
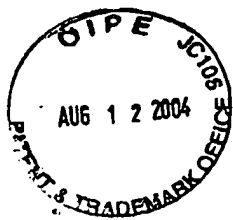


FIG. 11

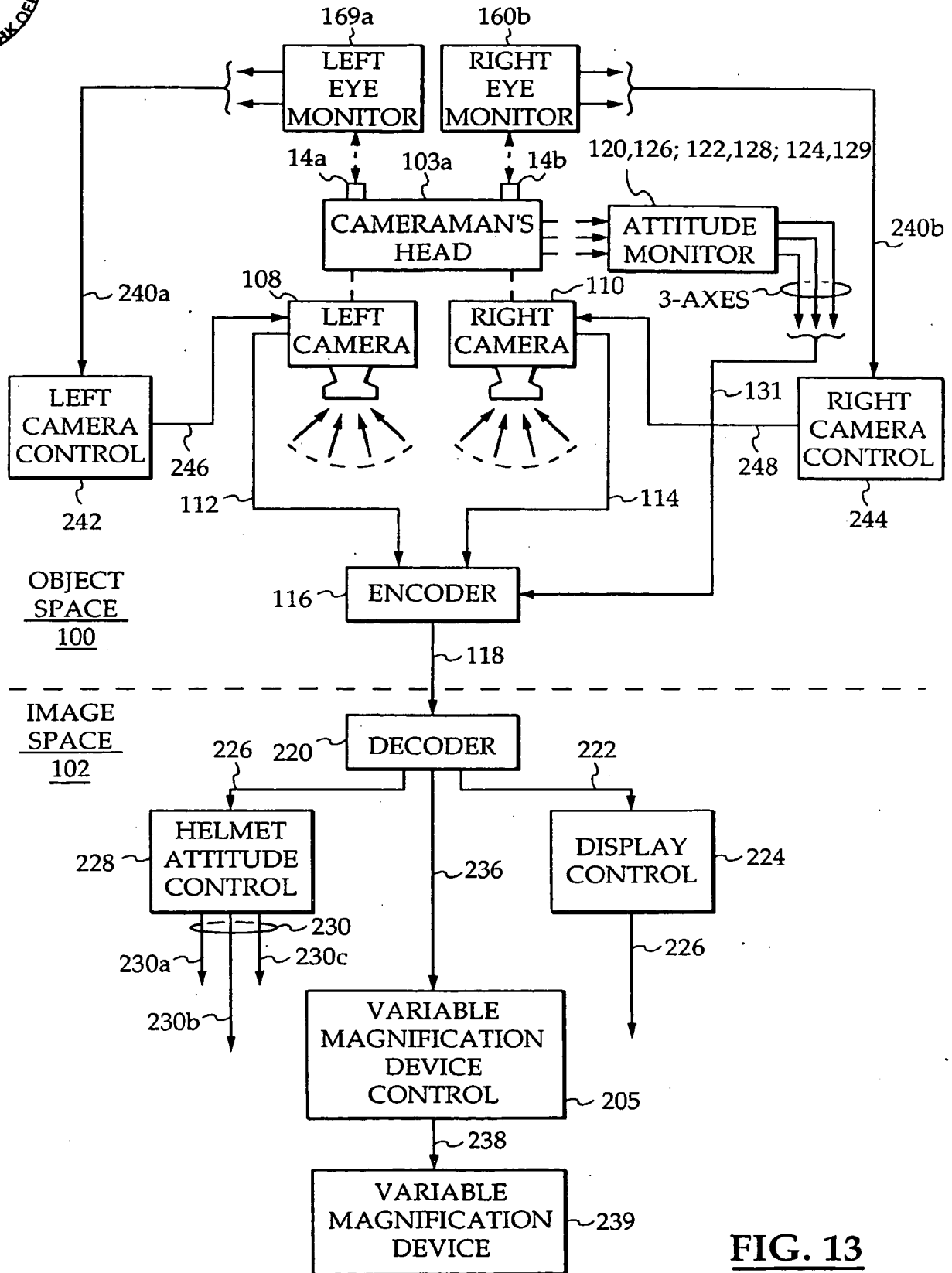


FIG. 13

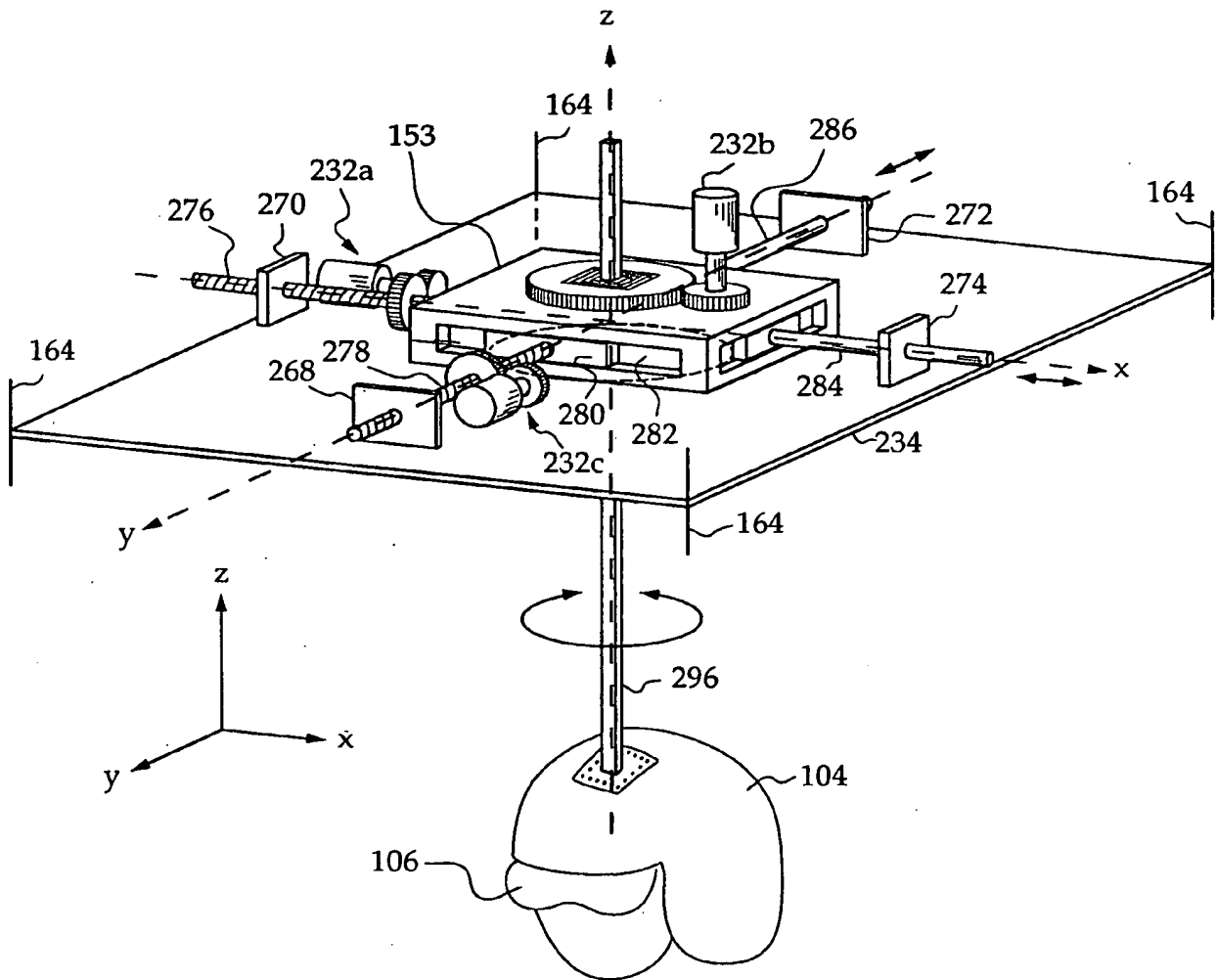


FIG. 14

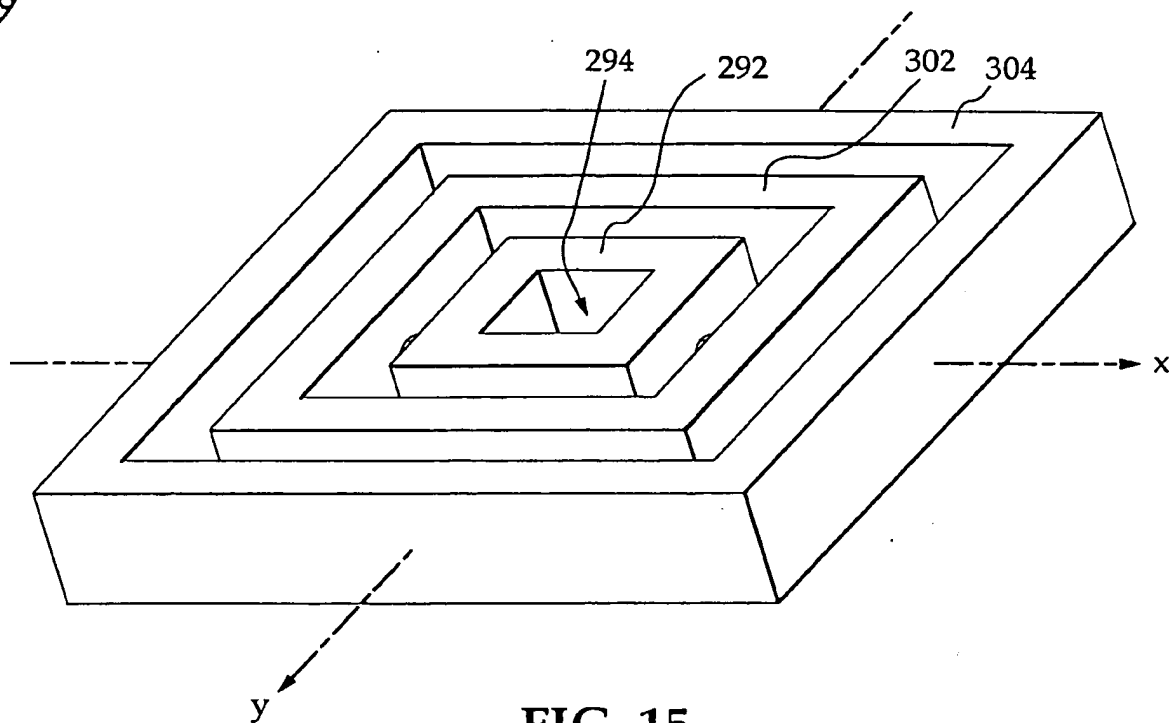
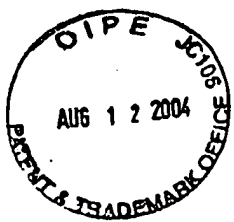


FIG. 15

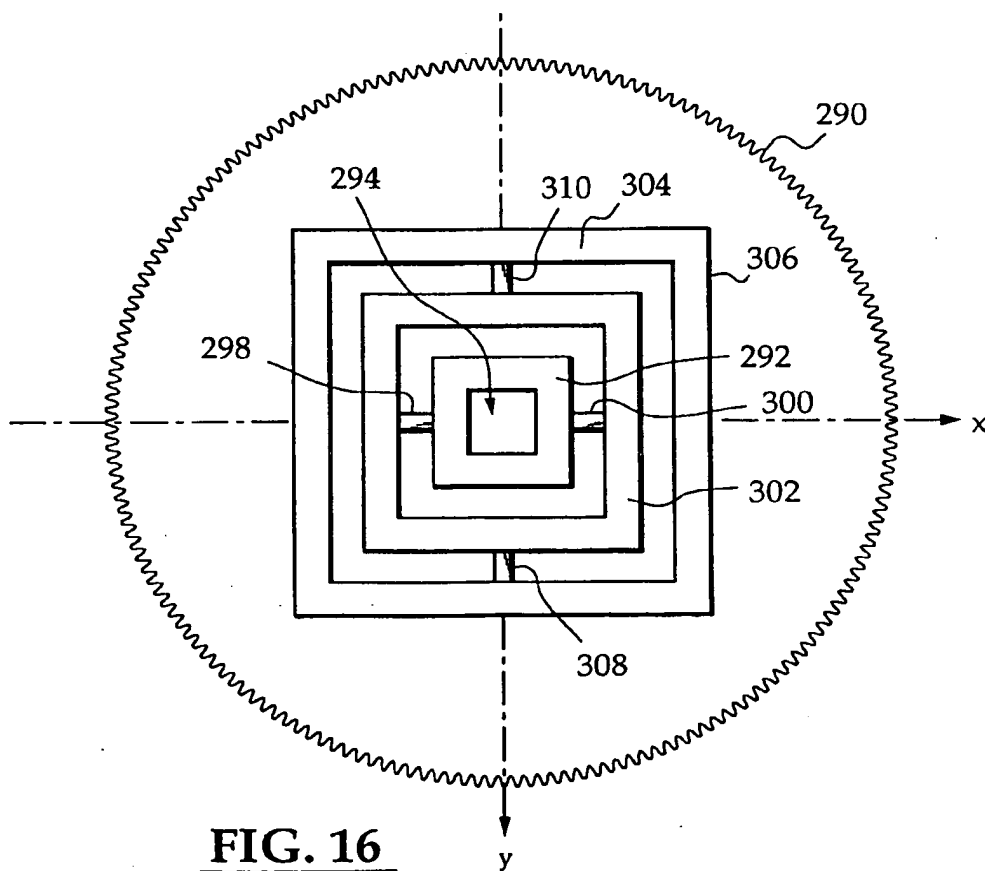


FIG. 16

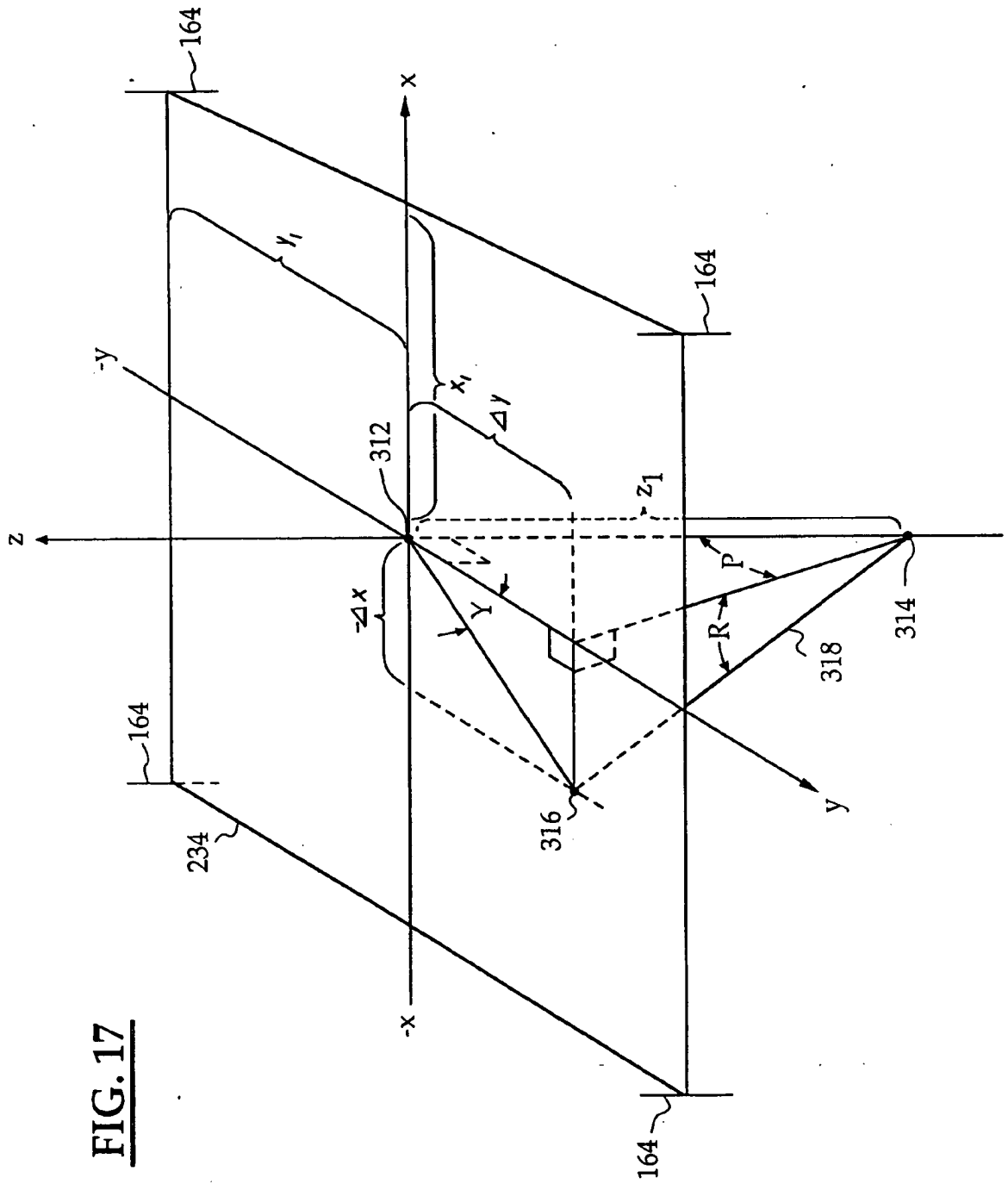


FIG. 17

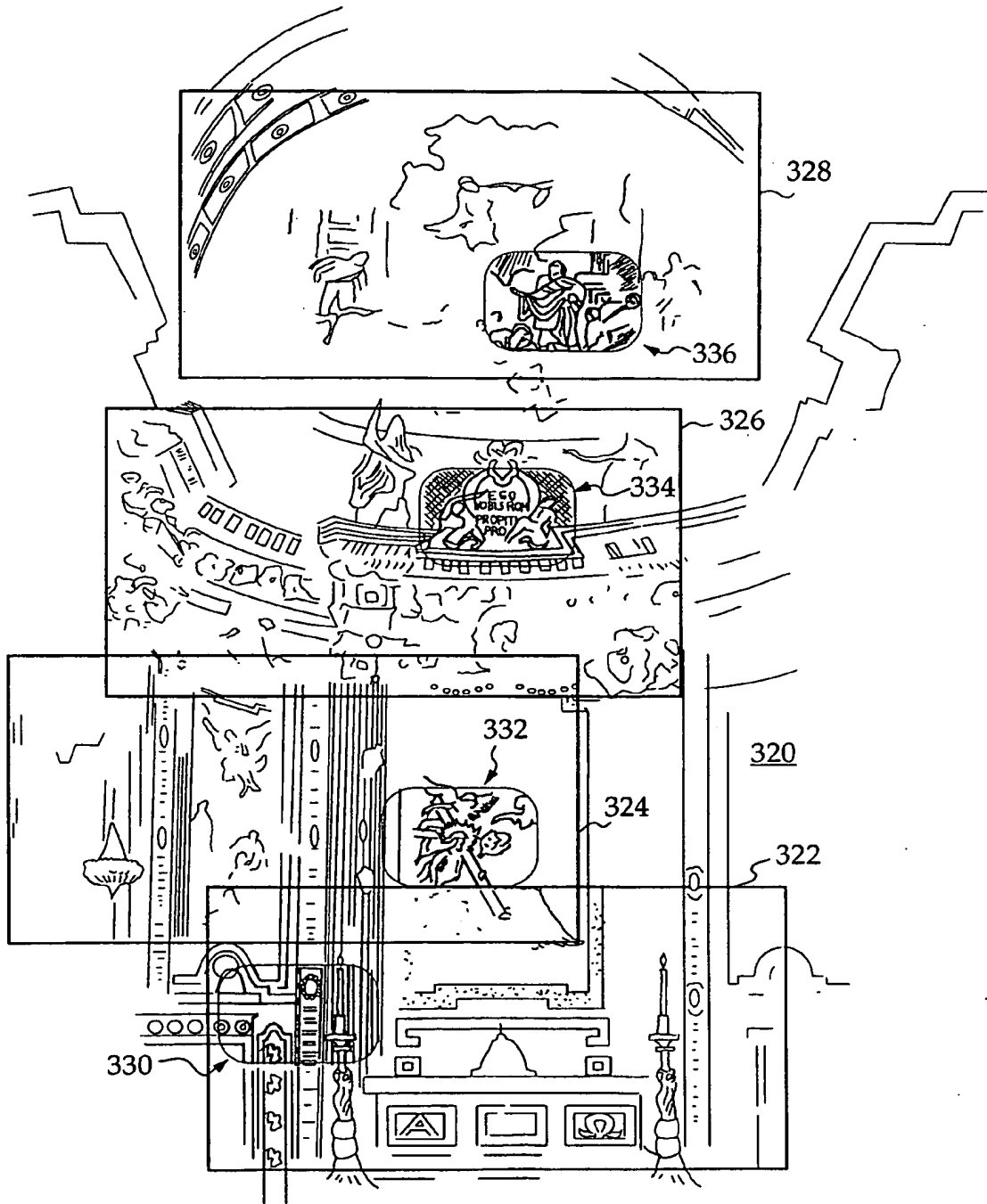


FIG. 18

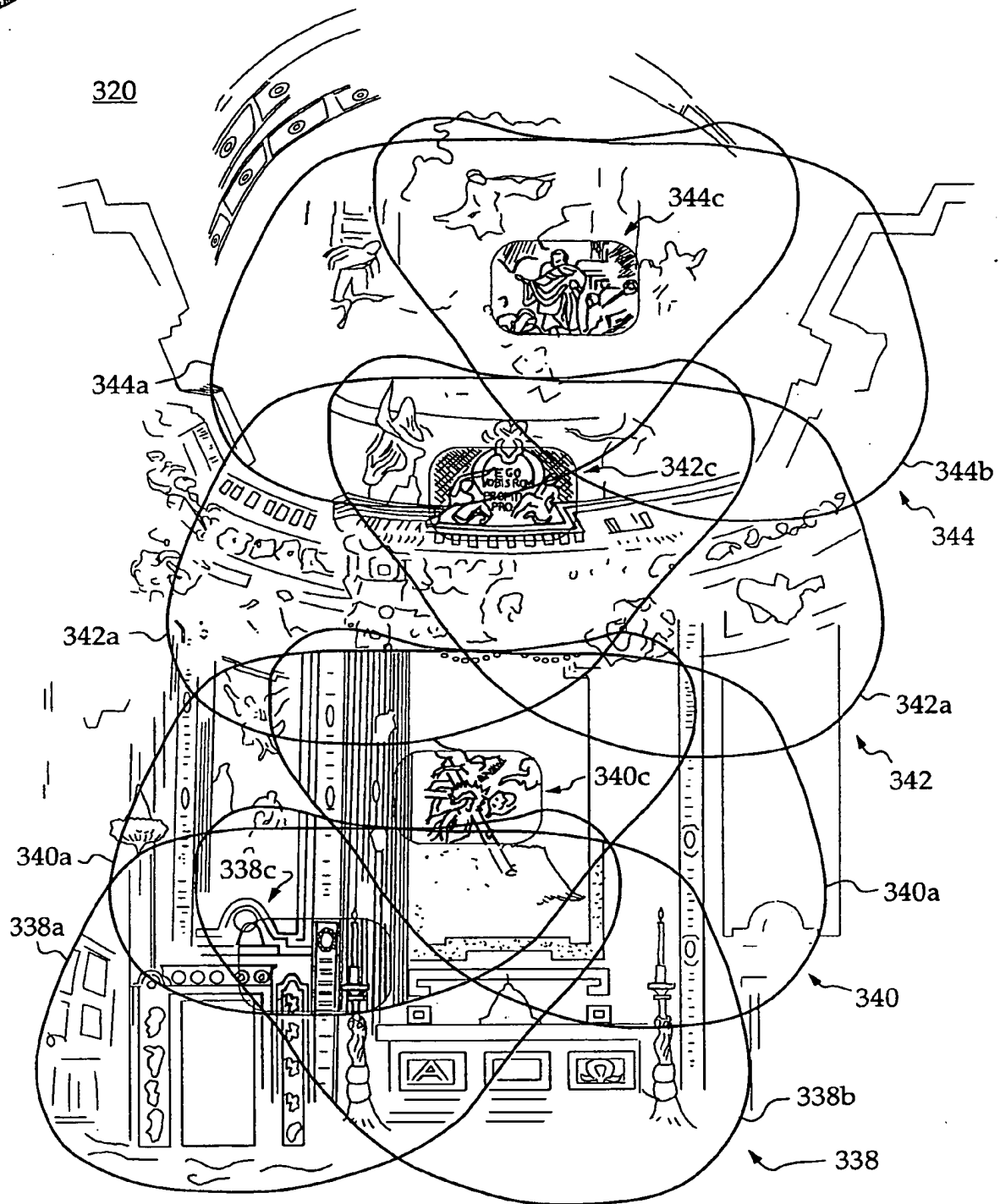


FIG. 19

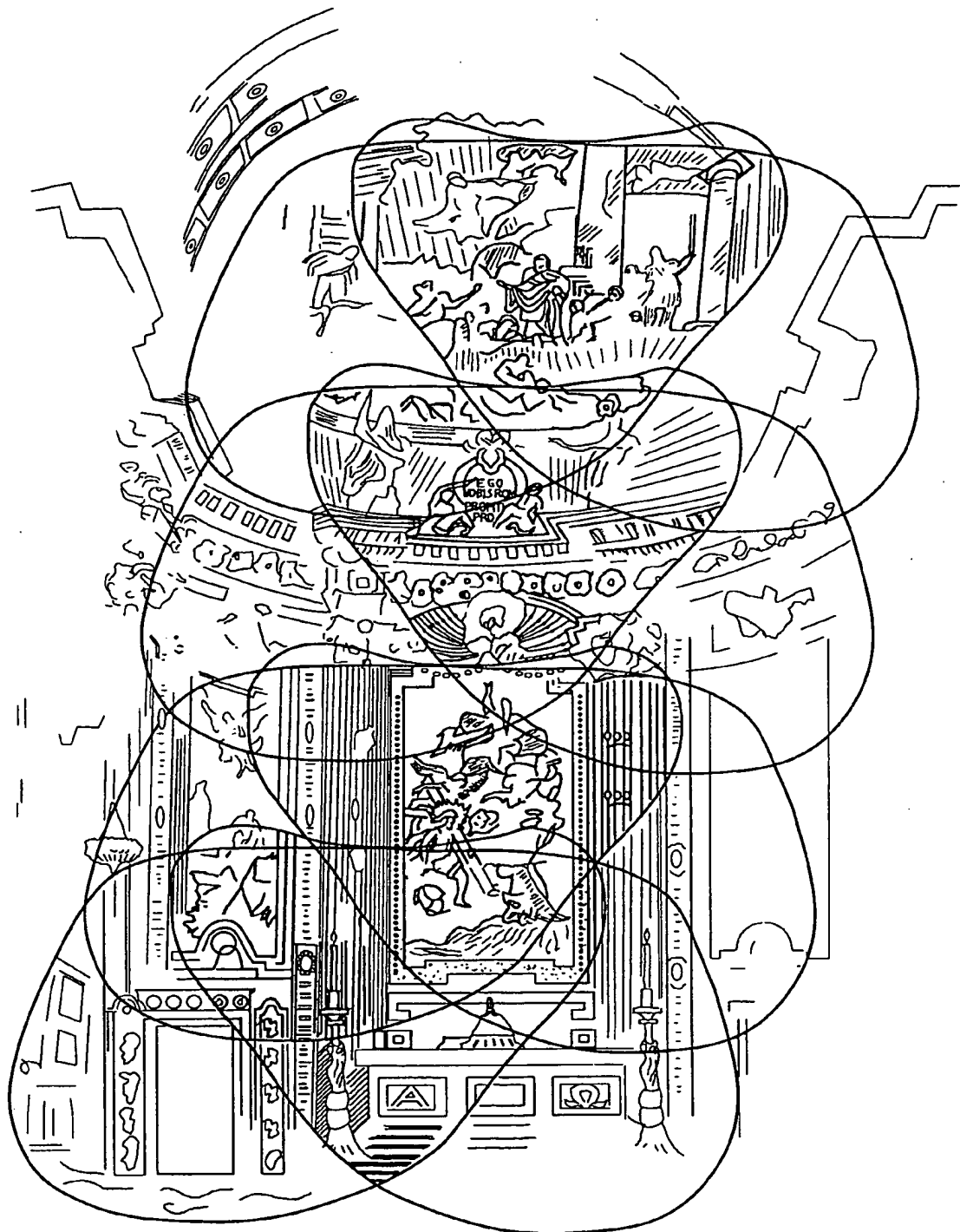


FIG. 21

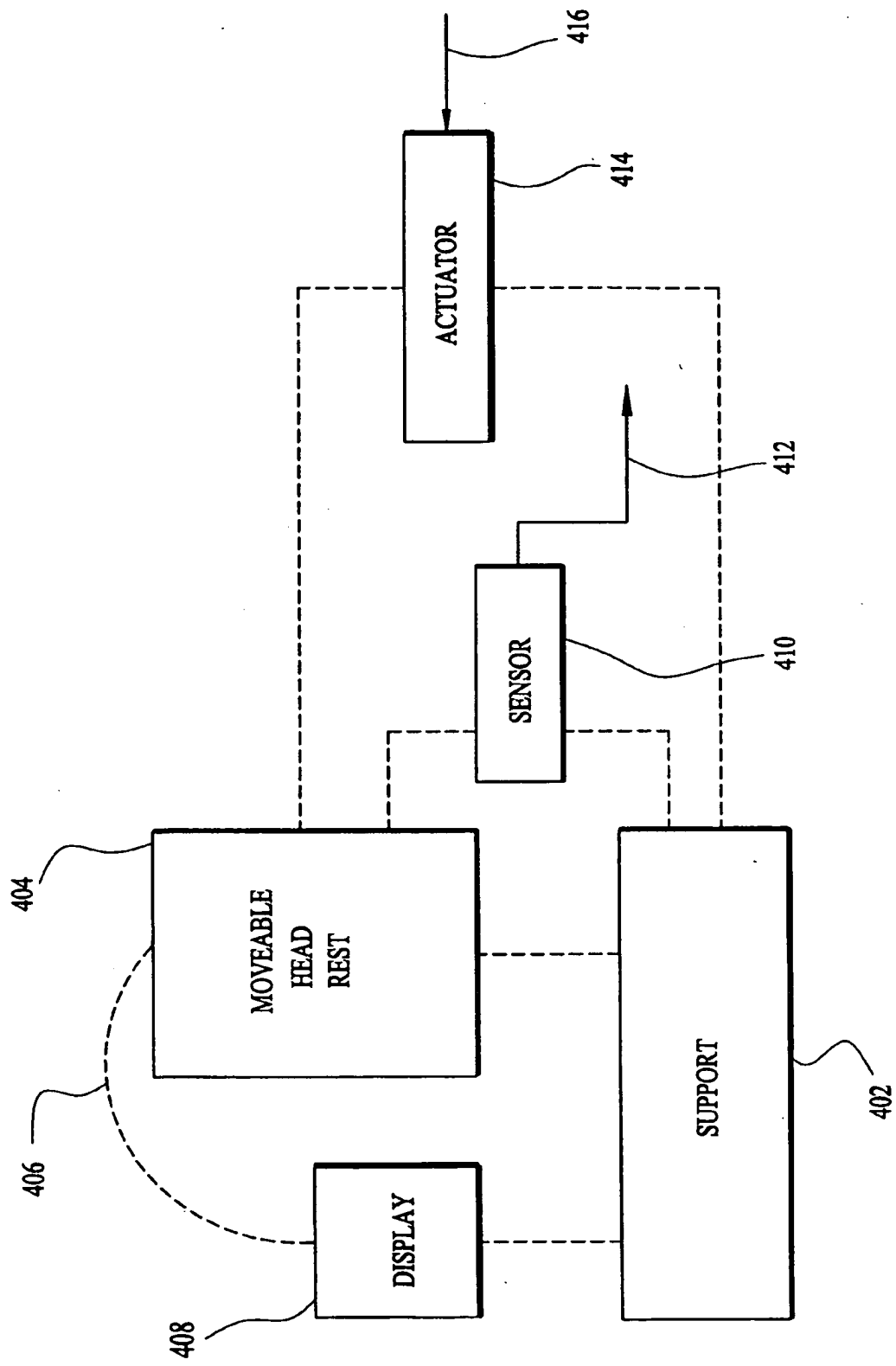
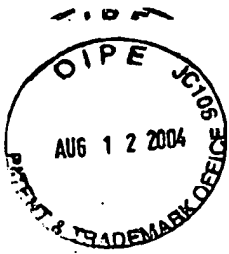


FIG. 22

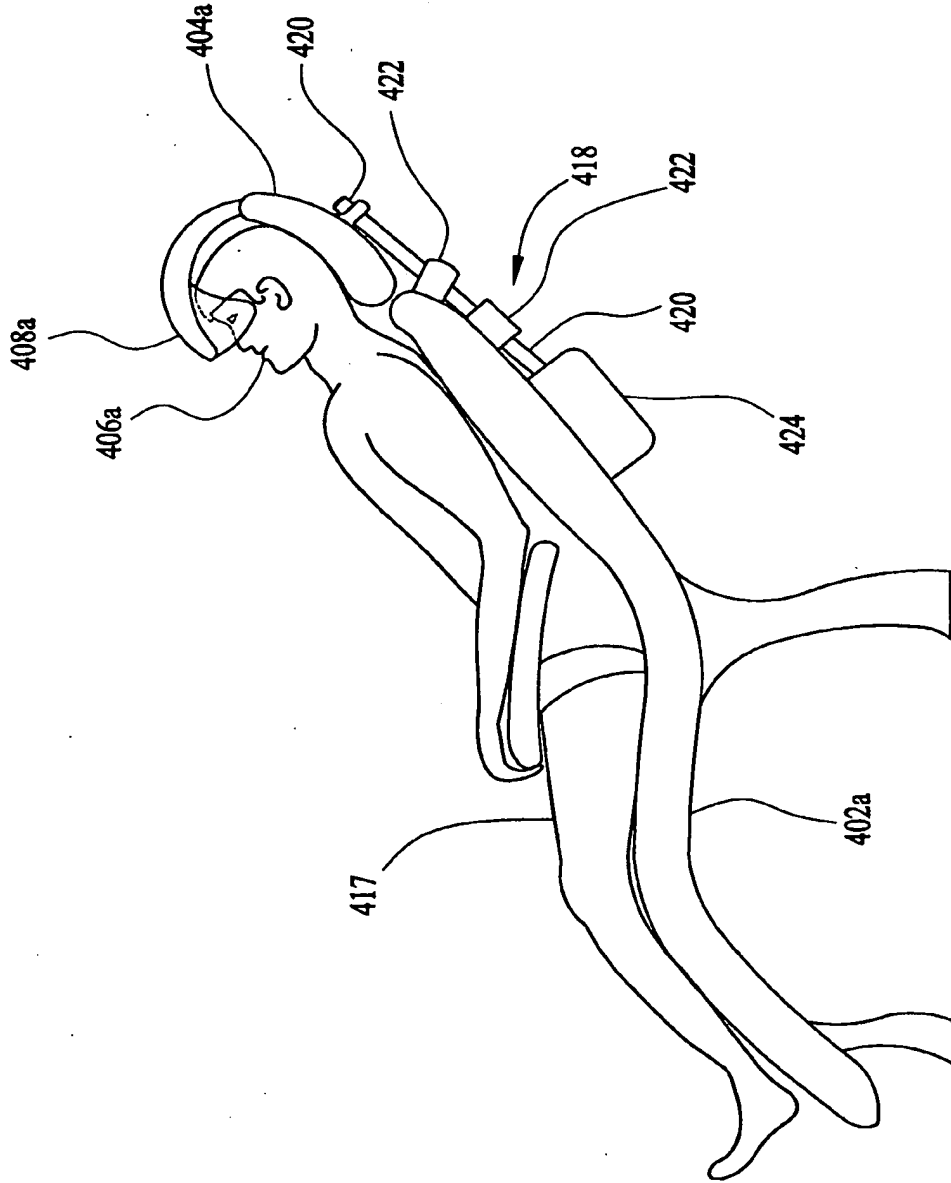


FIG. 23

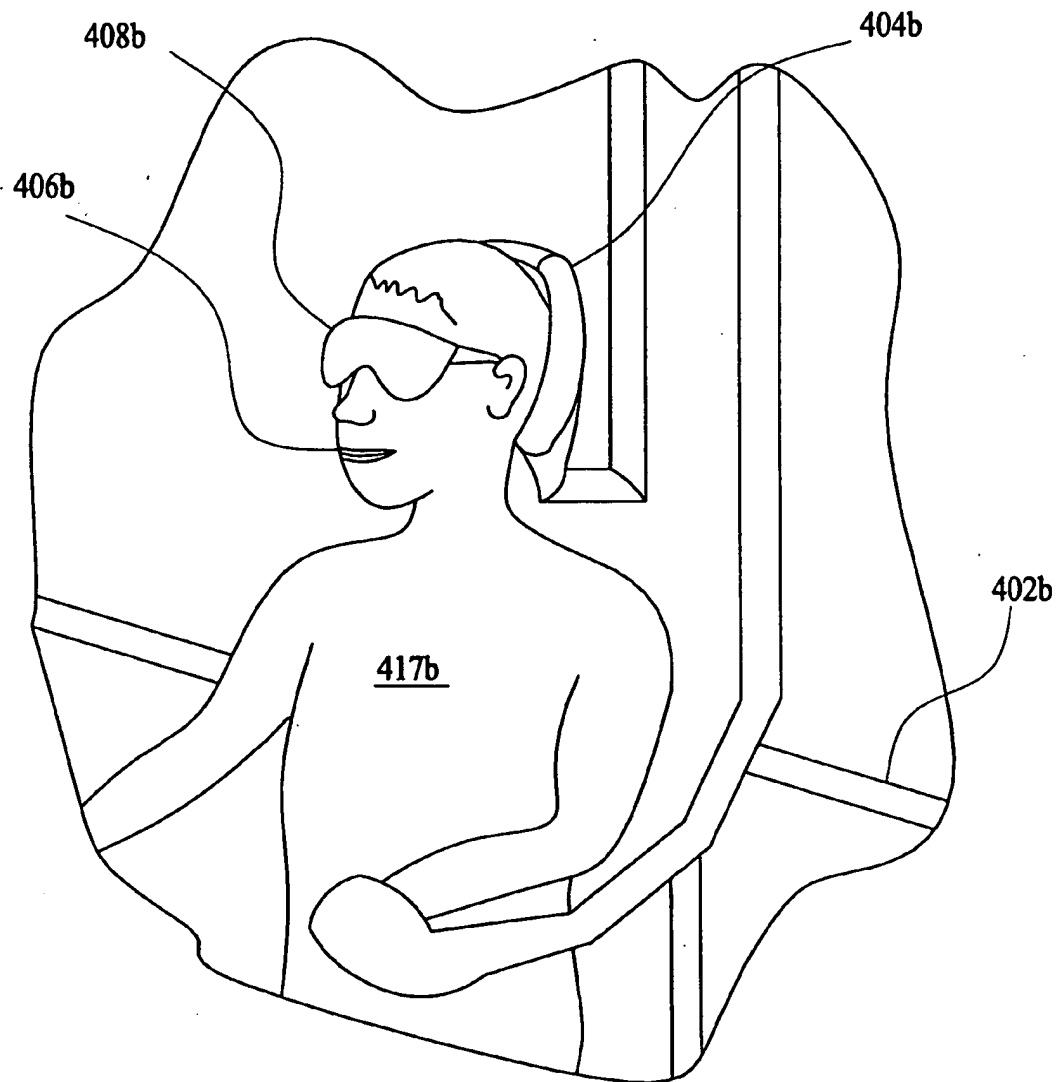


FIG. 24

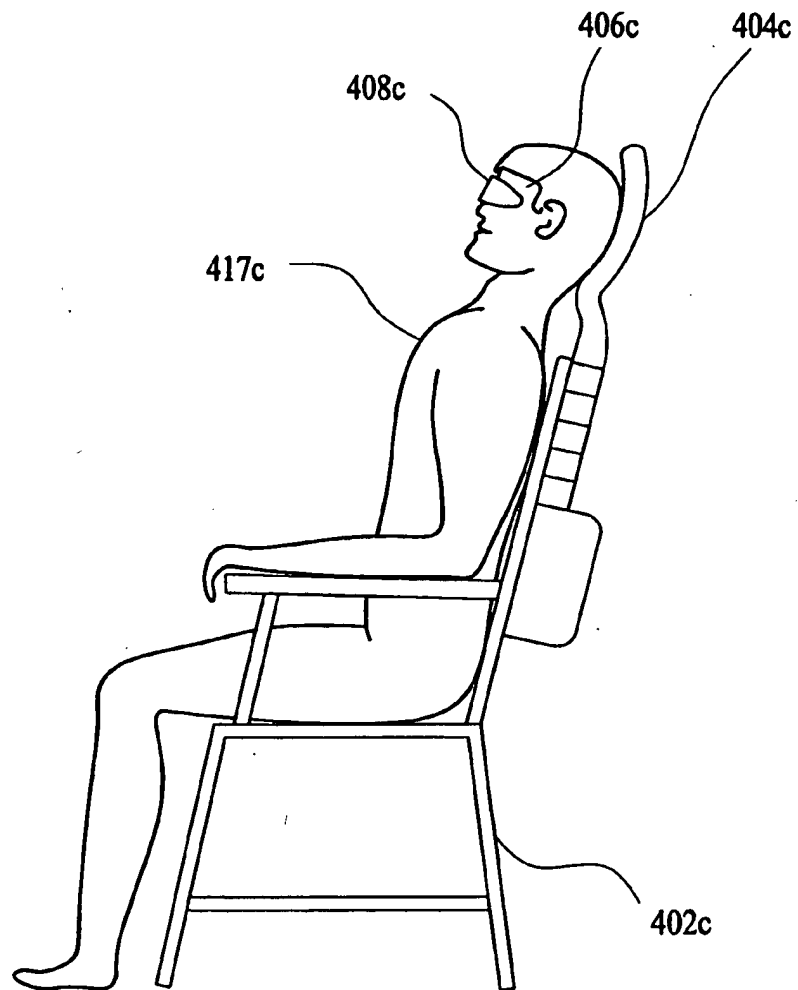
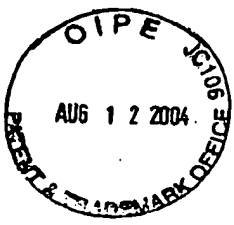
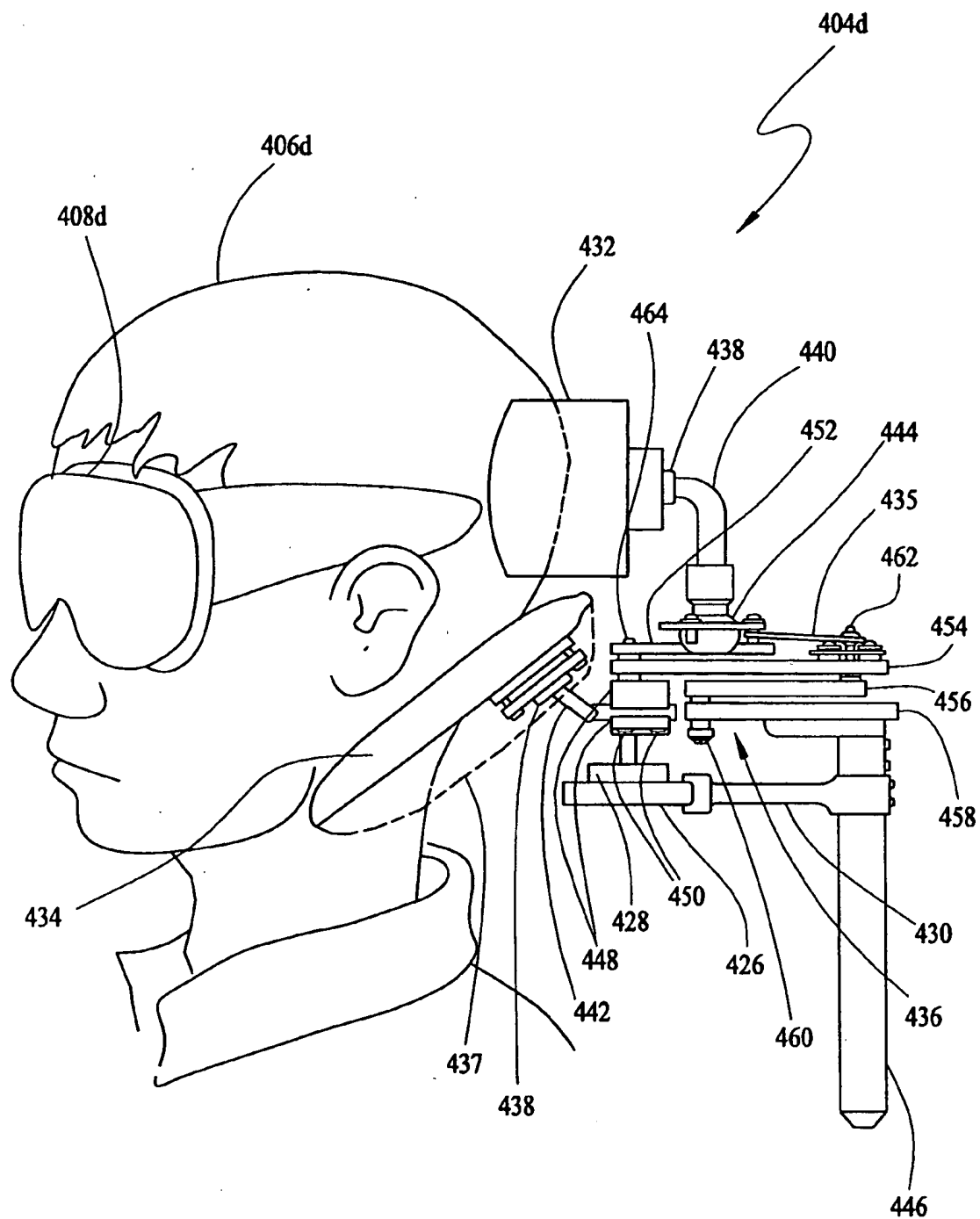
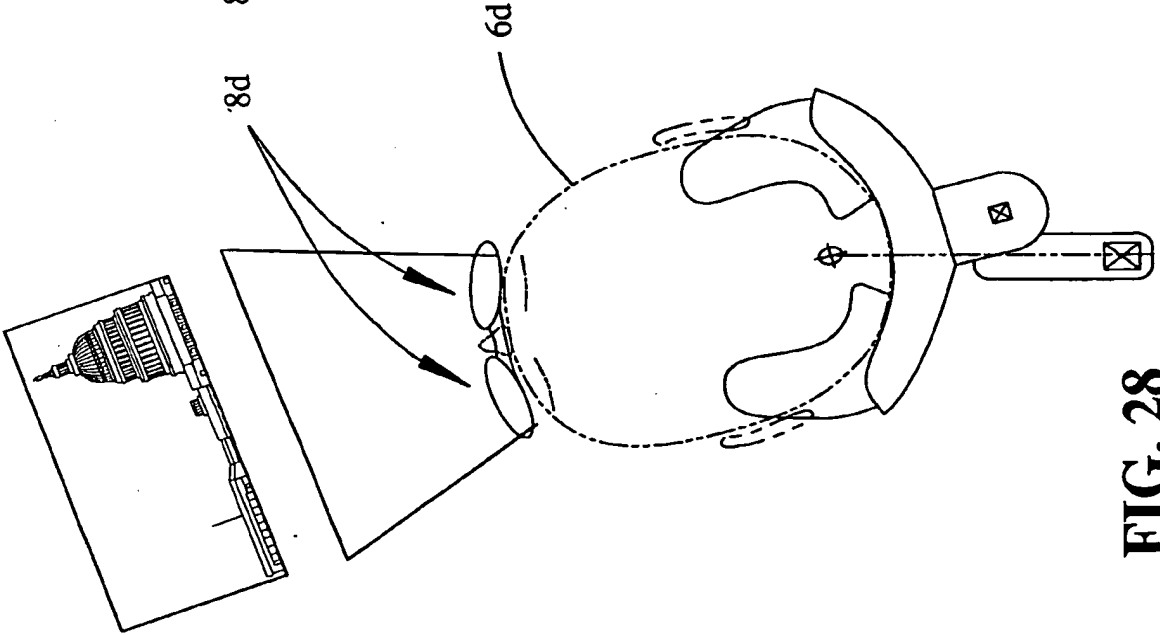
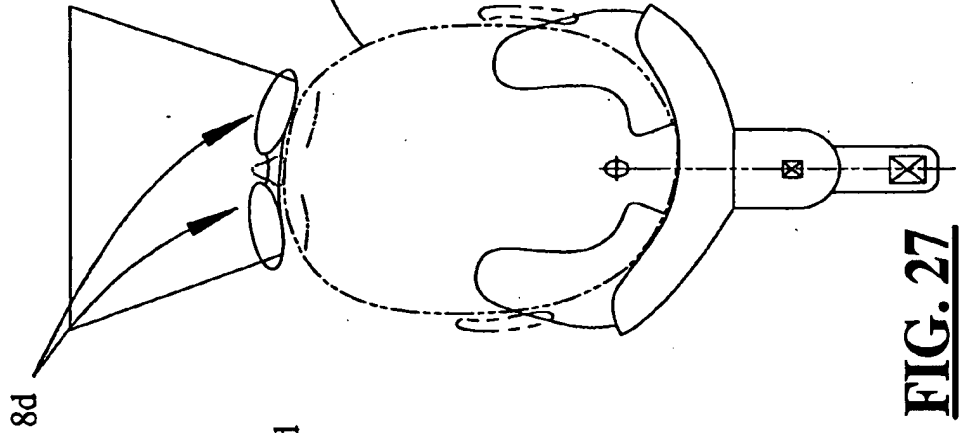
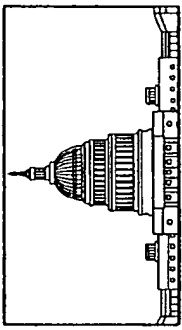
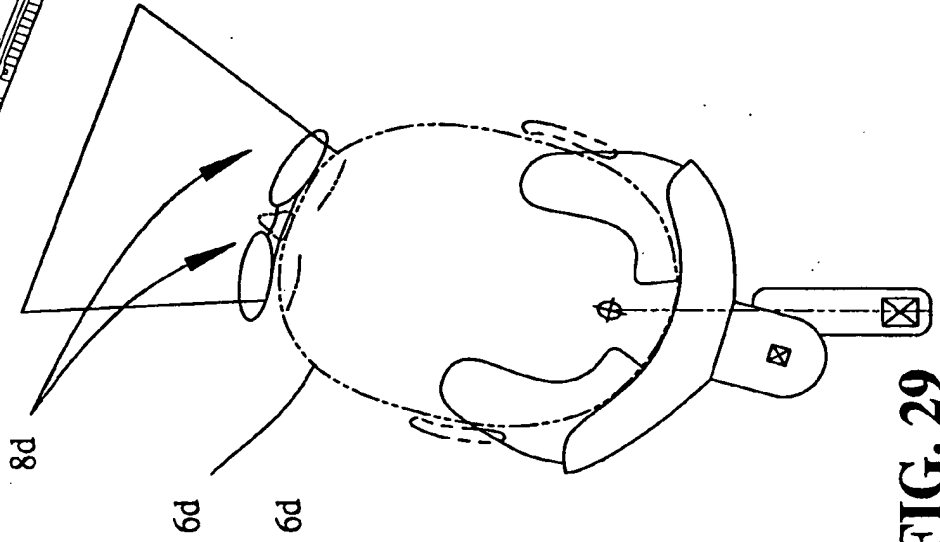
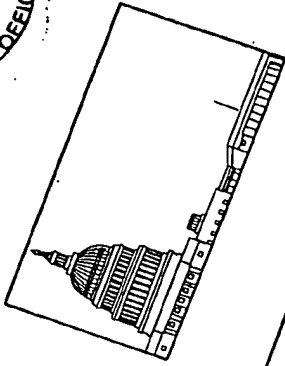
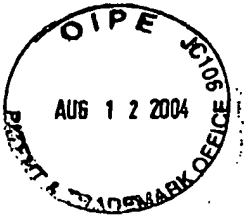


FIG. 25





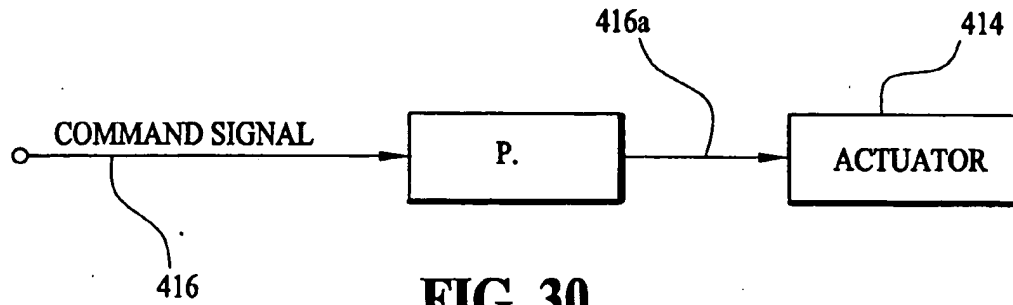


FIG. 30

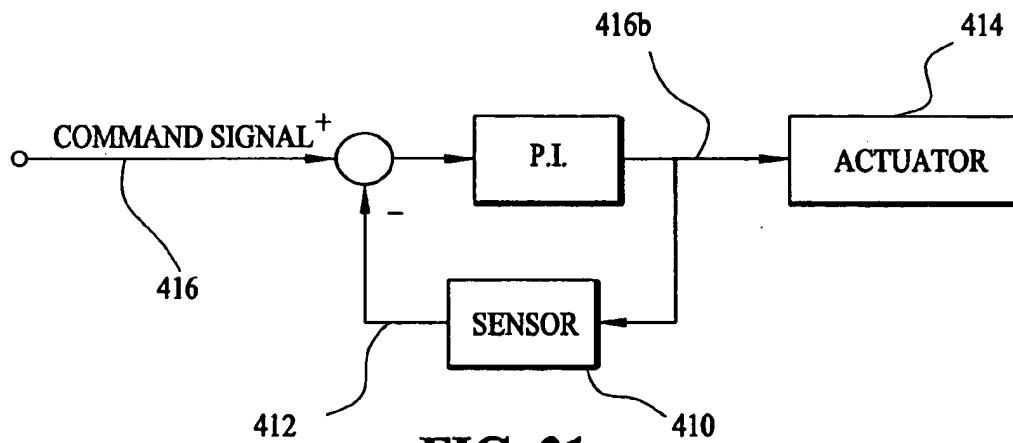


FIG. 31

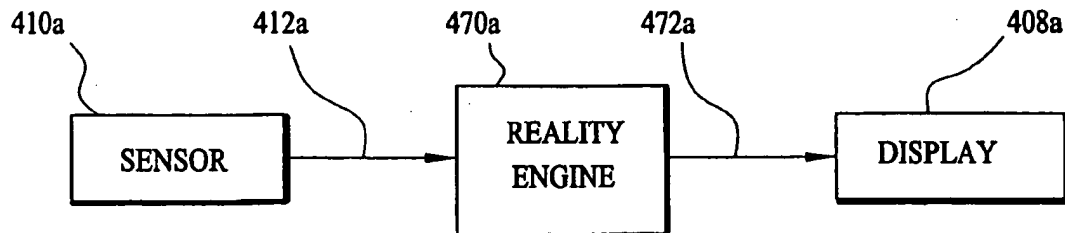


FIG. 32

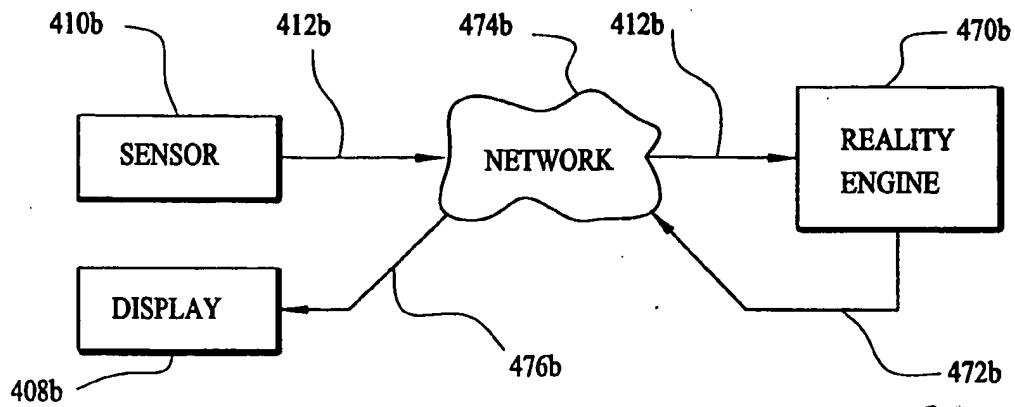


FIG. 33

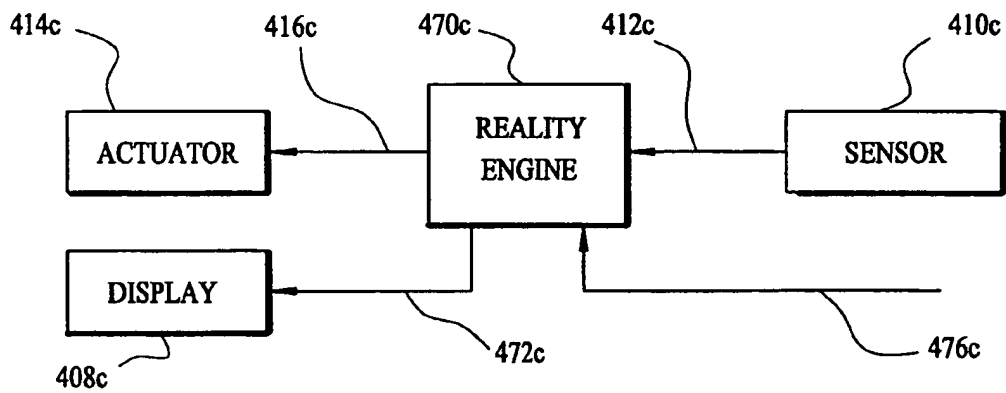


FIG. 34

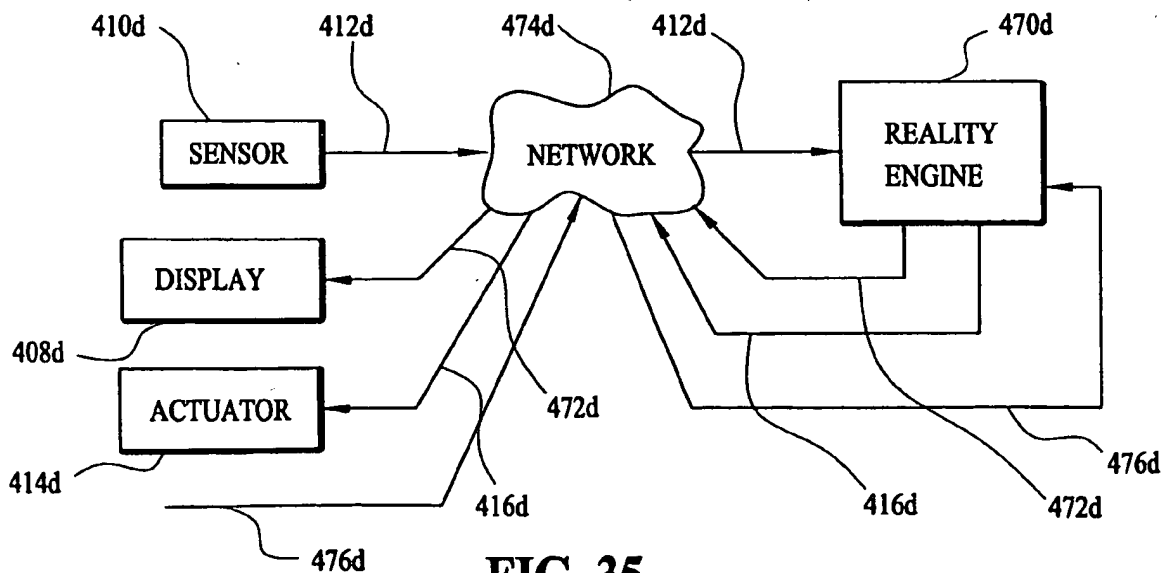


FIG. 35

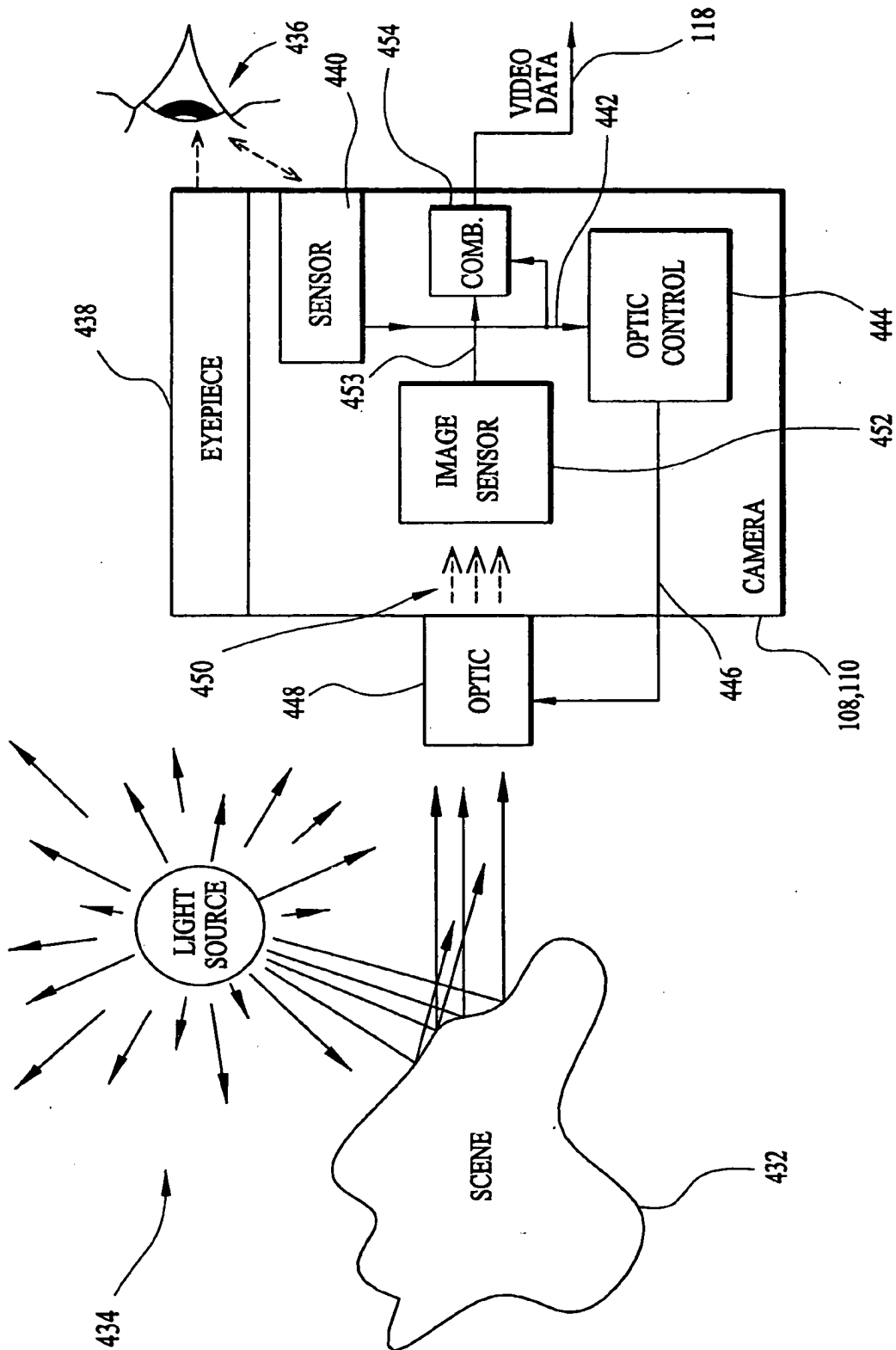


FIG. 36

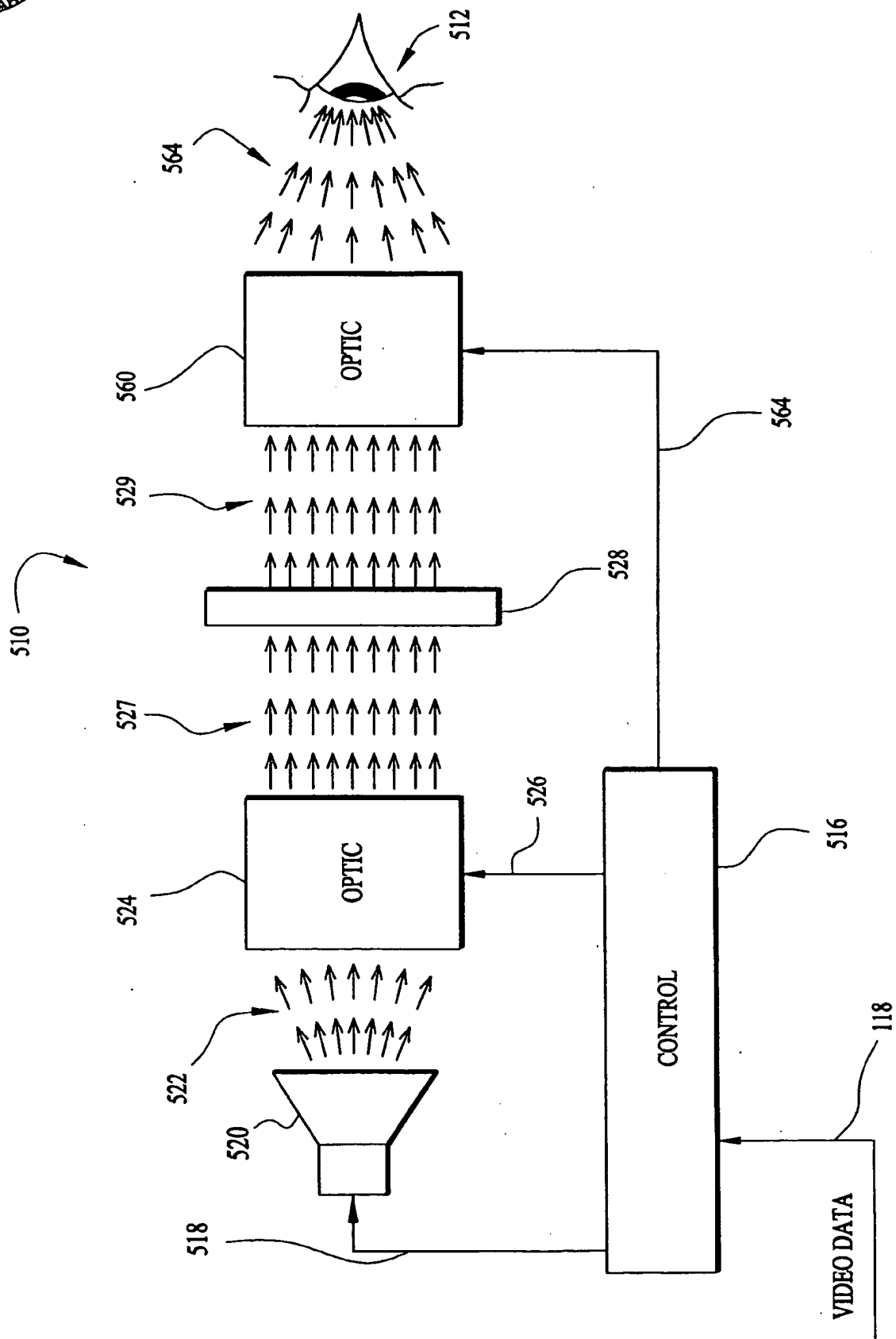


FIG.37

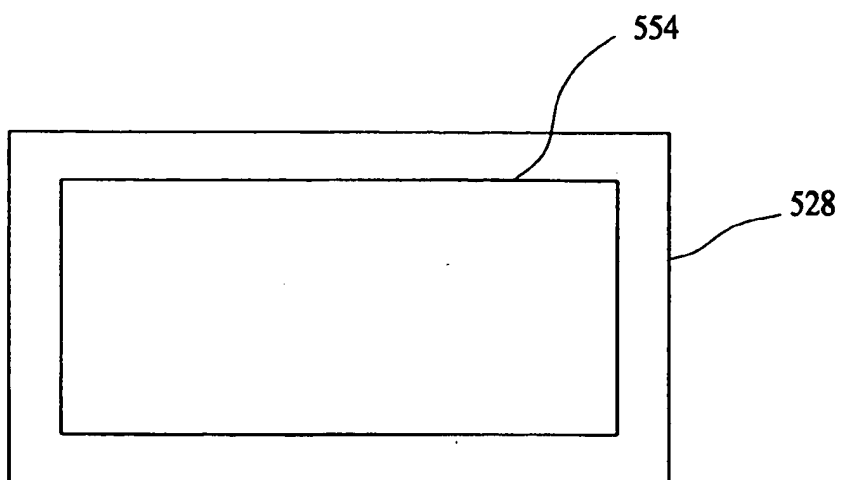


FIG. 38

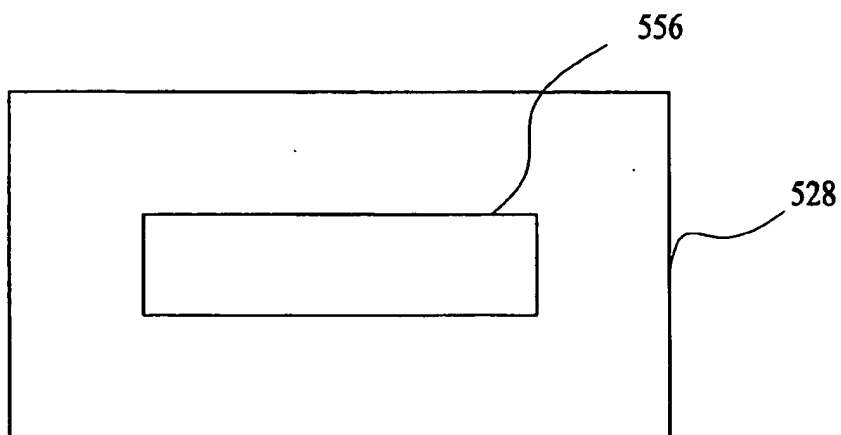


FIG. 39

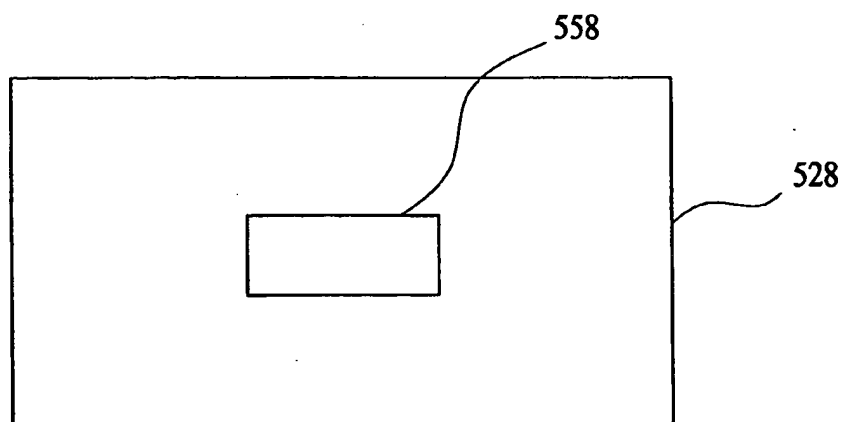


FIG. 40